

AMENDMENTS IN THE SPECIFICATION

Please replace the paragraph beginning on page 1, line ⁶4, with the following: *ya 8/10*

The present application is related to the following co-pending U.S. Patent Applications: U.S. Patent Application Serial No. [[____]] (~~Docket No. AUS920000960US1~~) ~~filed on~~ [[____]] 09/997,802, titled "Maintaining Data Integrity Within A Distributed Simulation Environment"; U.S. Patent Application Serial No. [[____]] (~~Docket No. AUS920010962US1~~) ~~filed on~~ [[____]] 09/997,768, titled "Centralized Disablement Of Instrumentation Events Within A Batch Simulation Farm Network"; U.S. Patent Application Serial No. [[____]] (~~Docket No. AUS920000861US1~~) ~~filed on~~ [[____]] 09/997,767, titled "Fail Thresholding In A Batch Simulation Farm Network"; U.S. Patent Application Serial No. [[____]] (~~Docket No. AUS920010963US1~~) ~~filed on~~ [[____]] 09/997,803, titled "Count Data Access In A Distributed Simulation Environment"; U.S. Patent Application Serial No. [[____]] (~~Docket No. AUS920000652US1~~) ~~filed on~~ [[____]] 09/997,460, titled "Tracking Coverage Results In A Batch Simulation Farm Network"; and U.S. Patent Application Serial No. [[____]] (~~Docket No. AUS920010961US1~~) ~~filed on~~ [[____]] 09/997,845, titled "Annealing Harvest Testcase Collection Within A Batch Simulation Farm". The above-mentioned patent applications are assigned to the assignee of the present invention and are incorporated herein by reference.

Please replace the paragraph beginning on page 11, line 9, with the following:

FIG. ~~[[16B]]~~ 16A depicts a batch simulation farm in which a preferred embodiment of the present invention may be implemented;

Please replace the paragraph beginning on page 11, line 12, with the following:

FIG. ~~[[16C]]~~ 16B is a flow diagram illustrating a progression of events from the creation of a specific simulation model to the removal of that model from batch simulation farm and instrumentation server in accordance with a preferred embodiment of the present invention;

Please replace the paragraph beginning on page 11, line 17, with the following:

FIG. [[16D]] 16C is a flow diagram depicting steps performed during execution of a simulation job within a batch simulation farm in accordance with a preferred embodiment of the present invention;

Please replace the paragraph beginning on page 86, line ²~~1~~, with the following:

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With reference now to **FIG. [[16B]] 16A**, there is illustrated a batch simulation farm 1601 in which a preferred embodiment of the present invention may be implemented. Batch simulation farm 1601 consists of geographically distant simulation farm nodes 1680a-d. Within these nodes, general-purpose computers 1600a-n are interconnected via local area networks (LANs) 1610a-d. LANs 1610a-d are further connected by means of a wide-area network (WAN) 1690, which provides communication among multiple simulation farm nodes 1680a-d. Those skilled in the art will recognize that many possible network topologies are possible for a batch simulation farm.

Please replace the paragraph beginning on page 90, line 14, with the following:

With reference to the flowchart of **FIG. [[16C]] 16B** in conjunction with **FIG. 15**, there is depicted a progression of events from the creation of a specific simulation model to the removal of that model from batch simulation farm 1601 and instrumentation server 1699. The process begins at step 1621, which depicts the creation of the given simulation model. The simulation model is created in accordance with model build processes described hereinbefore.

Please replace the paragraph beginning on page 92, line 1, with the following:

With reference to the flowchart of **FIG. [[16D]] 16C**, the steps involved in simulation job execution step 1627 of **FIG. 16C** are depicted in greater detail. The process of executing a simulation job on a simulation client begins with step 1631, which depicts the simulation client obtaining a copy of the model corresponding to the given simulation job provided by the model servers. As illustrated at step 1638, the simulation client communicates with instrumentation

packet consisting of the contents of harvest cycle counters 422a-422n, harvest flags 423a-423n, and the name of the current testcase.

Please replace the paragraph beginning on page 129 line 28 with the following.

To this end, an indirect non-redundancy verification inquiry is utilized wherein API entry point 2202 uses only local harvest hit table 2201 in determining whether or not to collect a testcase. In indirect non-redundancy verification, API entry point ~~rpt_hrv()~~ rpt_harv() 2202 bypasses the step of further validating an apparently new harvest event with harvest manager 2215. Communication overhead associated with a direct network connection with harvest manager program 2215 is thus reduced at the cost of potential redundancy in harvest testcase bucket 2300.

Please replace the paragraph beginning on page 131 line 25 with the following.

However, in indirect non-redundancy verification mode, it is possible for multiple testcases to be delivered from simulation clients to harvest testcase bucket 2300 for the same harvest event. As one example, two simulation clients may receive the same harvest hit table content from the init_harv() call by API entry point 2200. These simulation clients then independently execute differing testcases that both trigger the same, preliminarily non-redundant (in accordance with their respective local harvest hit tables) harvest event. In both simulation clients, API entry point ~~rpt_hrv()~~ rpt_harv() 2202 will instruct RTX 1702 to harvest their respective testcases.

Please replace the paragraph beginning on page 132 line 27 with the following.

As an additional optional ~~additional~~ processing step available in either direct or indirect harvest mode, API entry point 2202 may also communicate with instrumentation server 1699 and/or shared file system 1609 to obtain an updated copy of the harvest hit table. Typically, this data is obtained from shared file system 1609 to reduce the communication load on instrumentation server 1699.

Please replace the paragraph beginning on page 134 line ²1 with the following.

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